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OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/922,261

DATE: 11/27/2001

TIME: 11:21:16

Input Set : A:\09922261.raw.txt

Output Set: N:\CRF3\11212001\I922261.raw

ENTERED

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1 <110> APPLICANT: COGENT NEUROSCIENCE, Inc.
2   Lo, Donald C.
3   Barney, Shawn
4   Thomas, Mary Beth
5   Portbury, Stuart D.
6   Puranam, Kasturi
7   Katz, Lawrence C.
8 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING
9   AND TREATING CONDITIONS, DISORDERS, OR DISEASES INVOLVING
10  CELL DEATH
11 <130> FILE REFERENCE: 10001-005-999
12 <140> CURRENT APPLICATION NUMBER: 09/922,261
13 <141> CURRENT FILING DATE: 2001-08-03
14 <150> PRIOR APPLICATION NUMBER: US/09/461,697
15 <151> PRIOR FILING DATE: 1999-12-14
16 <160> NUMBER OF SEQ ID NOS: 466
17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 852
21 <212> TYPE: DNA
22 <213> ORGANISM: Homo sapiens
23 <400> SEQUENCE: 1
24   tcgacccacg cgtccgggaa catatctcaa aataataata actatttatg acaaaccac      60
25   agtcaatatc atactgaatg ggcaaaagct ggaagcattc taaataccaa aggacatcat      120
26   tagttaacaa atgctagact aactagatac caaagcttgc tctgtgaaaa atccccacat      180
27   aaccattgaa gtttacaaca ccctaaaccc tgccaccttg ctcccagtat cagagagccc      240
28   agttaaacat aactatgtag aggtattaga ctcagtttat tctagtaggc ccaacctcca      300
29   agaccatcgt tgaacatcag tagactggga gctgtacgtg gatgggagca gctttgccaa      360
30   cccctgcaaa gtgactcttg aagaagacca caaacctgc tccagtcaac atctggaagc      420
31   ttgactagtc cagcgcgtgc tgaagcatga ggaaactcat cacaggactc attttcctta      480
32   aaatttagac ttgtacagta aagacttcaa cttgaccttc ctgagactga gggctgttcc      540
33   cagagtatac atcaagtcac tgaggtagga caaaagggtg ctacagtcct attattttac      600
34   agttattata agtgtactgg aactctaaaa agaacttggt tttataatgt tattctatac      660
35   aattatttat aatacaatat acaaataatg tatttagccc aggaaatgac caacctgatg      720
36   tgtgttatga cccatctgag cctcccatga ccacagtttt taaaataaga ttaagaactg      780
37   aagactggtg ggggctcata aacaatatga gtaaagtgtt agccaaaata aaacaaaaaa      840
38   aaaaggcgcc cc                                         852
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 30
42 <212> TYPE: DNA
43 <213> ORGANISM: Homo sapiens
44 <400> SEQUENCE: 2
45   atgacaaacc cacagtcaat atcatactga                                         30
47 <210> SEQ ID NO: 3
48 <211> LENGTH: 9
49 <212> TYPE: PRT
50 <213> ORGANISM: Homo sapiens

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51 <400> SEQUENCE: 3
52     Met Thr Asn Pro Gln Ser Ile Ser Tyr
53         1             5
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 60
57 <212> TYPE: DNA
58 <213> ORGANISM: Homo sapiens
59 <400> SEQUENCE: 4
60     atgggcaaaa gctggaagca ttctaaatac caaaggacat cattagttaa caaatgctag      60
62 <210> SEQ ID NO: 5
63 <211> LENGTH: 19
64 <212> TYPE: PRT
65 <213> ORGANISM: Homo sapiens
66 <400> SEQUENCE: 5
67     Met Gly Lys Ser Trp Lys His Ser Lys Tyr Gln Arg Thr Ser Leu Val
68         1             5             10             15
69     Asn Lys Cys
71 <210> SEQ ID NO: 6
72 <211> LENGTH: 12
73 <212> TYPE: DNA
74 <213> ORGANISM: Homo sapiens
75 <400> SEQUENCE: 6
76     atgctagact aa      12
78 <210> SEQ ID NO: 7
79 <211> LENGTH: 3
80 <212> TYPE: PRT
81 <213> ORGANISM: Homo sapiens
82 <400> SEQUENCE: 7
83     Met Leu Asp
84         1
86 <210> SEQ ID NO: 8
87 <211> LENGTH: 33
88 <212> TYPE: DNA
89 <213> ORGANISM: Homo sapiens
90 <400> SEQUENCE: 8
91     atgggagcag ctttgccaac ccctgcaaag tga      33
93 <210> SEQ ID NO: 9
94 <211> LENGTH: 10
95 <212> TYPE: PRT
96 <213> ORGANISM: Homo sapiens
97 <400> SEQUENCE: 9
98     Met Gly Ala Ala Leu Pro Thr Pro Ala Lys
99         1             5             10
101 <210> SEQ ID NO: 10
102 <211> LENGTH: 15
103 <212> TYPE: DNA
104 <213> ORGANISM: Homo sapiens
105 <400> SEQUENCE: 10
106     atggctgaag catga      15

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## RAW SEQUENCE LISTING

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Input Set : A:\09922261.raw.txt

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108 <210> SEQ ID NO: 11
109 <211> LENGTH: 4
110 <212> TYPE: PRT
111 <213> ORGANISM: Homo sapiens
112 <400> SEQUENCE: 11
113     Met Ala Glu Ala
114     1
116 <210> SEQ ID NO: 12
117 <211> LENGTH: 42
118 <212> TYPE: DNA
119 <213> ORGANISM: Homo sapiens
120 <400> SEQUENCE: 12
121     atgaggaaac tcacacagg actcattttc cttaaaattt ag
123 <210> SEQ ID NO: 13
124 <211> LENGTH: 13
125 <212> TYPE: PRT
126 <213> ORGANISM: Homo sapiens
127 <400> SEQUENCE: 13
128     Met Arg Lys Leu Ile Thr Gly Leu Ile Phe Leu Lys Ile
129     1             5             10
131 <210> SEQ ID NO: 14
132 <211> LENGTH: 42
133 <212> TYPE: DNA
134 <213> ORGANISM: Homo sapiens
135 <400> SEQUENCE: 14
136     atgttattct atacaattat ttataataca atatacaaat aa
138 <210> SEQ ID NO: 15
139 <211> LENGTH: 13
140 <212> TYPE: PRT
141 <213> ORGANISM: Homo sapiens
142 <400> SEQUENCE: 15
143     Met Leu Phe Tyr Thr Ile Ile Tyr Asn Thr Ile Tyr Lys
144     1             5             10
146 <210> SEQ ID NO: 16
147 <211> LENGTH: 63
148 <212> TYPE: DNA
149 <213> ORGANISM: Homo sapiens
150 <400> SEQUENCE: 16
151     atgtatttag cccaggaaat gaccaacctg atgtgtgtta tgacccatct gagcctccca
152     tga
154 <210> SEQ ID NO: 17
155 <211> LENGTH: 20
156 <212> TYPE: PRT
157 <213> ORGANISM: Homo sapiens
158 <400> SEQUENCE: 17
159     Met Tyr Leu Ala Gln Glu Met Thr Asn Leu Met Cys Val Met Thr His
160     1             5             10             15
161     Leu Ser Leu Pro
162     20

```

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164 <210> SEQ ID NO: 18
165 <211> LENGTH: 45
166 <212> TYPE: DNA
167 <213> ORGANISM: Homo sapiens
168 <400> SEQUENCE: 18
169      atgaccaacc tgatgtgtgt tatgacccat ctgagcctcc catga      45
171 <210> SEQ ID NO: 19
172 <211> LENGTH: 14
173 <212> TYPE: PRT
174 <213> ORGANISM: Homo sapiens
175 <400> SEQUENCE: 19
176      Met Thr Asn Leu Met Cys Val Met Thr His Leu Ser Leu Pro
177      1              5              10
179 <210> SEQ ID NO: 20
180 <211> LENGTH: 33
181 <212> TYPE: DNA
182 <213> ORGANISM: Homo sapiens
183 <400> SEQUENCE: 20
184      atgtgtgtta tgacccatct gagcctccca tga      33
186 <210> SEQ ID NO: 21
187 <211> LENGTH: 10
188 <212> TYPE: PRT
189 <213> ORGANISM: Homo sapiens
190 <400> SEQUENCE: 21
191      Met Cys Val Met Thr His Leu Ser Leu Pro
192      1              5              10
194 <210> SEQ ID NO: 22
195 <211> LENGTH: 24
196 <212> TYPE: DNA
197 <213> ORGANISM: Homo sapiens
198 <400> SEQUENCE: 22
199      atgaccatc tgagcctccc atga      24
201 <210> SEQ ID NO: 23
202 <211> LENGTH: 7
203 <212> TYPE: PRT
204 <213> ORGANISM: Homo sapiens
205 <400> SEQUENCE: 23
206      Met Thr His Leu Ser Leu Pro
207      1              5
209 <210> SEQ ID NO: 24
210 <211> LENGTH: 106
211 <212> TYPE: DNA
212 <213> ORGANISM: Homo sapiens
213 <400> SEQUENCE: 24
214      atgaccacag tttttaaaat aagattaaga actgaagact ggtgggggct cataaacaat      60
215      atgagtaaag tgtagccaa aataaaacaa aaaaaaagg gcggcc      106
217 <210> SEQ ID NO: 25
218 <211> LENGTH: 35
219 <212> TYPE: PRT

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220 <213> ORGANISM: Homo sapiens
221 <400> SEQUENCE: 25
222   Met Thr Thr Val Phe Lys Ile Arg Leu Arg Thr Glu Asp Trp Trp Gly
223       1             5             10             15
224   Leu Ile Asn Asn Met Ser Lys Val Leu Ala Lys Ile Lys Gln Lys Lys
225               20             25             30
226   Lys Gly Gly
227       35
229 <210> SEQ ID NO: 26
230 <211> LENGTH: 1096
231 <212> TYPE: DNA
232 <213> ORGANISM: Homo sapiens
233 <400> SEQUENCE: 26
234   tcgacccacg cgtccgggca tggccaggcc ggctgggctg cagagcgccg gcaagggtcc      60
235   acgcctcggg tgacgggctt ccaggatggt cgggcgcggg ggggcccata cgcacccccc      120
236   aacaccccga cctccggcct gagcctccca gcgcgggggg aaccacctcc tgtccgctgt      180
237   tgctggcccc catcctagca gcggcctgac gccctcccca ccttgccatg ccccttgac      240
238   ctgggacgat gagcatagca ctggggagcc cagtggaggg gccctccga agcgccactg      300
239   cccatgctga ccaccagcc ctccggctgc tgatgtcatg agtaacacca ctgtgcccaa      360
240   tgccccccag gccaacagcg actccatggt gggctatgtg ttggggccct tcttcctcat      420
241   caccctggtc ggggtggtgg ttgctgtggt aatgtatgta cagaagaaaa agcggtgga      480
242   ccggctgcgc catcacctgc tccccatgta cagctatgac ccagctgagg aactgcatga      540
243   ggctgagcag gagctgctct ctgacatggg agaccccaag gtggtacatg gctggcagag      600
244   tggctaccag cacaagcgga tgccactgct ggatgtcaag acgtgacctg accccttg      660
245   cccacccttc agagcctggg gtcctggact gcctggggcc ctgccatctg cttccctgc      720
246   tgtcacctgg ctccccctgc tgggtgctgg gtctccattt ctccctccac ccaccctcag      780
247   cagcatctgc ttcccatgcc ctccaccatca cctcactgcc ccaggcctt ctgccctttg      840
248   tgggtgttga gtcacccgcc caccacagg cactcatagg aagaggcttt ctttctggga      900
249   tggcgcgggc tggtagacac ctttgctttc tctagccctc ctgggctggg cttgggcccc      960
250   aatccccagg caggcttttg agttgtttcc atggtgatgg ggccagatgt atagtattca     1020
251   gtatatattt tgtaaataaa atgttttgtg gctaaaaaaa aaaaaaaaaa aaaaaaaaaa     1080
252   aaaaaaaaag gcggcc                                     1096
254 <210> SEQ ID NO: 27
255 <211> LENGTH: 54
256 <212> TYPE: DNA
257 <213> ORGANISM: Homo sapiens
258 <400> SEQUENCE: 27
259   atggccaggc cggctgggct gcagagcgcc ggcacgggtc cacgcctcgg gtga      54
261 <210> SEQ ID NO: 28
262 <211> LENGTH: 17
263 <212> TYPE: PRT
264 <213> ORGANISM: Homo sapiens
265 <400> SEQUENCE: 28
266   Met Ala Arg Pro Ala Gly Leu Gln Ser Ala Gly Thr Gly Pro Arg Leu
267       1             5             10             15
268   Gly
270 <210> SEQ ID NO: 29
271 <211> LENGTH: 57
272 <212> TYPE: DNA

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VERIFICATION SUMMARY

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